



T110 SMF

110Ah | 12V | 100h

Specifications

| | |
|--|---------------------------|
| Voltage | 12V |
| Capacity | 110Ah at C ₁₀₀ |
| Separator | PE |
| Cycle life in relation to depth of discharge | 750 cycles at 30% DoD |
| | 400 cycles at 50% DoD |
| | 280 cycles at 80% DoD |
| | 180 cycles at 100% DoD |

Charging and Discharging

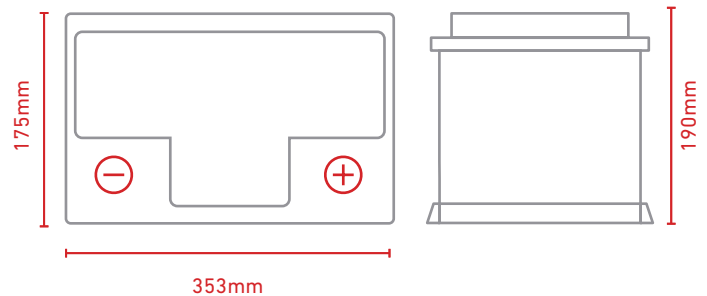
| | |
|---------------------------|-----------|
| Capacity C ₁₀₀ | 110Ah |
| Capacity C ₂₀ | 100Ah |
| Capacity C ₁₀ | 88Ah |
| Capacity C ₅ | 75Ah |
| Max. charge current | 19A |
| Max. discharge current | 971A (5s) |

Mechanical Specifications

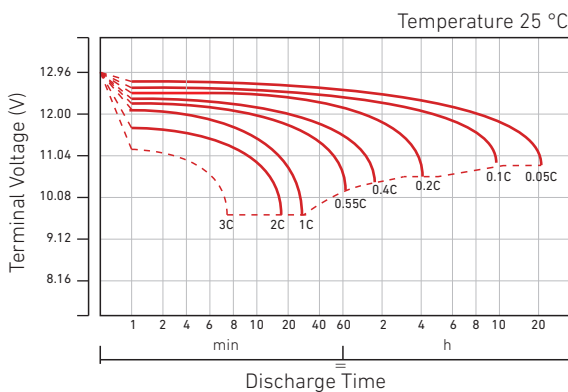
| | |
|--------------------------|-------------------|
| Measurements (L × B × H) | 353 × 175 × 190mm |
| Weight | 23.8kg |
| Terminal type | Round |
| Case material | PP |
| Lid material | PP |

Temperature Specifications

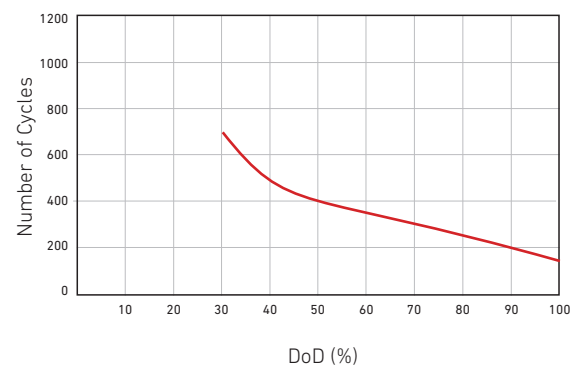
| | |
|------------------------------|---------------|
| Normal operating temperature | 25°C ± 5°C |
| Discharge temperature | -15°C to 50°C |
| Charge temperature | 0°C to 40°C |
| Storage temperature | -15°C to 50°C |



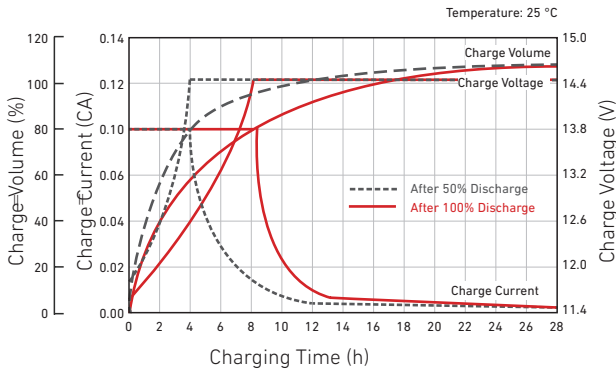
Discharge Characteristics Curve



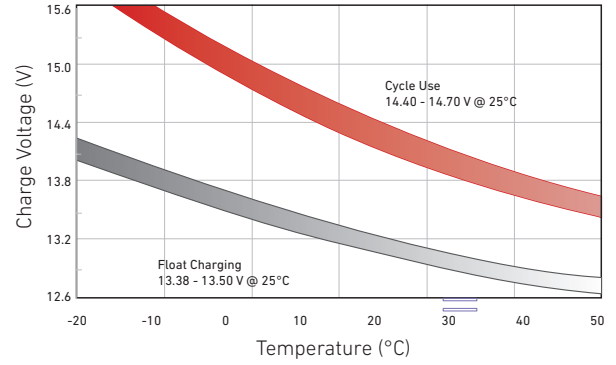
Cycle Life in Relation to Depth of Discharge



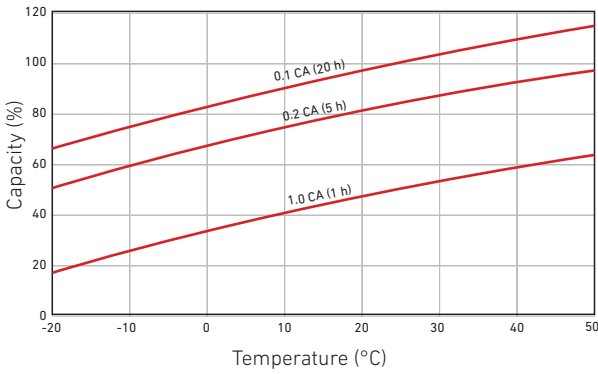
Charge Characteristics Curve For Cycle Use (IU)



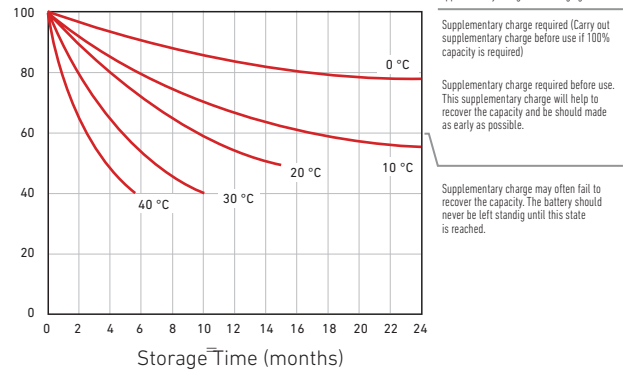
Relationship Between Charging Voltage and Temperature



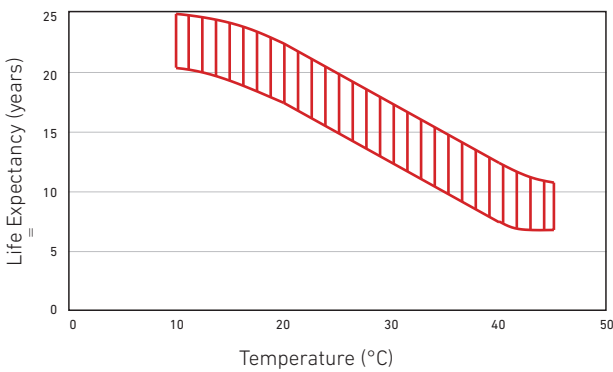
Temperature Effects on Capacity



Storage Characteristics



Effect of Temperature on Long-Term Life



Relationship of OCV and State of Charge

